

Demonstrate the precision and validity of your clinical trial and observational study results.

## Trust Our Capabilities

Our psychometricians provide a variety of services to meet your needs throughout your product's life cycle. In addition to providing psychometric consulting, we:

- Evaluate psychometric data to identify optimal measurement strategies
- Provide psychometric evidence for existing instruments
- Develop and validate new instruments and short forms

## State-of-the-Art Psychometrics

In collaboration with our clinical and survey experts, our team routinely validates outcome measures both within and independent of clinical trials. Our team is formally trained and provides expertise in both classical methods and modern psychometric techniques, including:

- Item response theory, including differential item functioning (DIF)
- Factor analysis
- Structural equation modeling

## We Can Help You:

- Identify optimal measurement strategies in support of product approval, label claims, and publications
- Synthesize and compare psychometric data on existing COA measures
- Evaluate and document the dimensionality, reliability, validity, and responsiveness of new and existing COA measures
- Identify and evaluate responder definitions in support of regulatory submissions
- Establish clinically meaningful change scores for COA instruments
- Develop COA scoring algorithms and short forms
- Adapt and validate instruments for use in different cultures and patient populations or across multiple modes of administration
- Create item banks and computer-adaptive instruments

## Key Technical Staff

**Lori McLeod, PhD** Head,  
Psychometrics and  
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## Receive Quality Deliverables

You'll benefit from our quality-assured deliverables, including:

- COA strategy documents
- Validated COA instruments
- Regulatory submission documents
- In-person participation during regulatory reviews
- Instrument reviews and study reports
- Presentations at professional meetings
- Peer-reviewed journal articles and abstracts
- Training courses, seminars, and workshops